Message

From: McCord, James [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=MCCORD, JAMES]
Sent: 1/11/2018 2:40:18 PM
To: Newton, Seth [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ea2ecc1d228a4c4682730a829e1d0718-Newton, Set]; Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]
CC: Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]; Bergman, Erica [Erica.Bergman@dep.nj.gov]; Goodrow, Sandra [Sandra.Goodrow@dep.nj.gov]
Subject: RE: Solvay - Isomer Chemistry Questions

Ex. 5 Deliberative Process (DP)

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James McCord

From: Newton, Seth
Sent: Thursday, January 11, 2018 9:15 AM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; McCord, James <mccord.james@epa.gov>
Cc: Strynar, Mark <Strynar.Mark@epa.gov>; Bergman, Erica <Erica.Bergman@dep.nj.gov>; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>
Subject: RE: Solvay - Isomer Chemistry Questions

Thank you for this Andy. It is a very interesting situation and I am glad to be a part of this project. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Thanks,
Seth

Seth Newton
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From: Lindstrom, Andrew
Sent: Thursday, January 11, 2018 8:09 AM
To: Newton, Seth <Newton.Seth@epa.gov>; McCord, James <mccord.james@epa.gov>
Cc: Strynar, Mark <Strynar.Mark@epa.gov>; Bergman, Erica <Erica.Bergman@dep.nj.gov>; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>
Subject: FW: Solvay - Isomer Chemistry Questions

Seth and James,

Here's a little background on the New Jersey samples that you should probably know about.

Ex. 5 Deliberative Process (DP)

Thank you very much,

Andy

From: Bergman, Erica [mailto:Erica.Bergman@dep.nj.gov]
Sent: Wednesday, December 6, 2017 3:27 PM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Washington, John <Washington.John@epa.gov>
Subject: Solvay - Isomer Chemistry Questions

Mark, Andy and John,

Here is the first of two emails regarding questions on Solvay's PFNA isomer chemistry interpretations.

Solvay contracted Vista Analytical Laboratory to analyze the SURFLON products that they purchased and used in 1991 and 1998-1999 (See Tabulated SURFLON analysis attachment). Solvay's predecessor's used SURFLON from 1985-1991, which is not accounted for in the analysis.

Solvay's PFAS Investigation Report (attached) contains two sections that discuss their findings regarding analysis of groundwater for branched and linear chain PFNA and PFOA. They conclude that since SURFLON contains 100% linear isomer PFNA, any branched chain PFNA found in groundwater would be from another source.

Section 3.8 – Source Differentiation (pages 3-10 and 3-11)
Section 5.2.1 – Isomer Analysis (pages 5-4 through 5-7)

Can Solvay be certain in their above conclusion? Is this statement true but not entirely accurate (pg. 3-10) - "Once formed, the isomers themselves are stable so that a linear isomer does not degrade into a branched isomer, and vice versa"? For instance, is it possible that linear chain PFNA isomers could change to a branched structure by some other process other than degradation, i.e., geochemical conditions in the environment or during Solvay processing steps?

Let me know of others that may be able to assist, and feel free to forward.

Thank you,

Erica Bergman
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